

SHINE

BE EVERY COLOR YOU LIKE

Owner

63130500026 Chotiwit Souyan

Description

This application is for viewing the rating of shops and products for considering buying it for the next time. Reviews can be added by every one who access the website. You can anonymously review without reveal your name. Review contains 3 parts : Name ; your name is going to be anonymous if empty., Start ; You can rate your shop's product by entering number of star at 5 maximum., Reviews : This part is to let you comment what's the pros and cons of that product you are reviewing. Shop and Product are also have overall rating. Product's rating is calculated by aggregating all the stars from reviews and divided by number of reviews. Shop's rating is calculated by aggregating all product's stars in the shop divided by number of products.

ER Diagram



Design Pattern

Using Extended Reference pattern to store all the data in firebase

- Products refers to shop which owns this product

i1j0HgmiHaFySqc4kATb txrMdaoDNXqA5UFgq9Pu	>	+ Add field desc: "This is the Best T-shirt In the world" name: "T-Shirt" overall_rating: 0 owner: /shops/1 price: 12 qty: 3
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- Review refers to product which inside its product

reviews	≡ ⋮	4QwqhWXcf1n07SalKuVY	⋮
+ Add document		+ Start collection	
4QwqhWXcf1n07SalKuVY	>	+ Add field created_at: December 4, 2022 at 5:11:09 AM UTC+7 name: "Anonymous" product: /products/txrMdaoDNXqA5UFgq9Pu review: "-" star: 3	